

## DIMETIX APPLICATION EXAMPLE

AE-0601

### LIFTING OF MINING EQUIPMENT

**Industry :** Mining  
**Application type :** Position measurement, monitoring

#### Brief description



Pic 1: Lifting process

The displacement of large machines in surface mining requires a precisely planned approach. If a heavy, complex structure needs to be elevated, the lifting process must be controlled at all times. With the Dimetix laser distance sensors, the position of the lifted plant is measured permanently at different locations to ensure the structure always stays in an upright position.

Lampson Australia specializes in heavy lift and transport projects and also provides the associated activities of engineering and rigging design, as well as servicing and maintenance.

Internationally, Lampson has won the highly prestigious award for excellence in lifting and transportation six times so far, from the “Specialized Carrier and Rigging Association, SCRA”, for excellency in hoisting- and transport technology.

#### Customers advantages

- Non-contact visible eye-safe laser measurement
- Extended temperature range (-40..+50°C)
- Precision up to +/- 1 mm



Pic 2: Raised top car

Please click press [here](#) for additional information about products or applications

